



ES-5844P+

8 Port Fast Ethernet Switch Integrate 4 x Power Over Ethernet Ports

ES-5844P+ is 8-port 10M/100M with 4 PSE/PoE ports Desktop PoE Fast Ethernet Switch that is designed for small or medium network environment to strengthen its network connection. This product is compact in size, making it ideal for Desktop users with limited space. It also gives you the option of installing it in a 19" cabinet by rack-mount kits or underneath a desk.

IEEE 802.3af Power over Ethernet (PoE) ports

ES-5844P+ features 4 IEEE 802.3af Power over Ethernet (PoE) ports supplying up to 15.4 watts per port. This product can convert standard 90~260V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3af compliant network accessories. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3af compliant, or only the data will be sent through LAN cable. By adding ES-5844P+ to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.

No Special Networking Cable Required

By adding PoE devices, you can use an existing standard Cat-5 Ethernet cable without a new electrical outlet for both power and data. It helps you reduce installation time and cost.

Auto-MDI/MDI-X

Every port can automatically sense your type of cable, so there is no need for crossover cables whether you are connecting this switch to another switch or to a computer.

Auto-Negotiation

Every port can automatically sense if the connected network devices are running at 10Mbps or 100Mbps and Half/Full-Duplex mode, and adjust accordingly.

Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 200Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

Store and Forward

By this function, this switch can maximize network performance while minimizing the propagation of bad network packets.

Features :

- Conforms to IEEE 802.3 10BASE-T, IEEE802.3u 100BASE-TX and IEEE 802.3x flow control standards
- Supports 10/100Mbps auto-detect half/full duplex
- Supports TP auto MDI/MDI-X function for auto TX/RX swap
- Supports 802.3x flow control pause packet for full duplex

PoE Features :

- Supports IEEE 802.3af compliant
- Supports Power over Ethernet (PSE) on each PoE-TP port (End-Point)
- Full power(15.4w) support for per PoE-TP port
- Auto detect powered device and consumption levels
- Smart feature for PD on/off, PD detection, power level, PD status
- Automatic Fault Detection (Over/Under Voltage & Current)
- Thermal shutdown protection (Tj> 150°C)

Product	ES-5844P
Standards	IEEE 802.3af, IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX,
No. of Ports	8*10/100 Mbps RJ-45 ports with 4 PoE ports
Transmission Mode	10/100Mbps, full/half-duplex (Auto-sensing)
Transfer Rate	10Mbps: 14880pps (64 Bytes Package) 100Mbps: 148800pps (64 Bytes Package)
Flow Control	IEEE 802.3x flow control for full-duplex Back pressure in half-duplex operation mode
Switching Method	Store & forward
LEDs	Power, Link/Act, PoE activity
Temperature / Humidity	0° to 60°C / 10% to 90%
Voltage / Frequency	AC 90-264V / 47-63Hz
Power Consumption	65W
Power Input	100~240V/AC, 50~60HZ
Power Output	48V/DC Per Output – 15.4W Max Per Port 4 Ports at Full 15.4W Output Supported
Physical Dimension	44(H) X 266(W) X 160(D) mm
Certifications	FCC Part 15 Class A & CE Mark Approval